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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re the Application of:

Joel Stephane Rossier et al.

Application No.: 10/571,986

Filed: March 14, 2006

For: MICROFLUIDIC FLOW MONITORING  
DEVUCE

Examiner:

Group Art Unit: 1753

Certificate of Transmission under 37 CFR1.8  
I hereby certify that this correspondence is being transmitted via  
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Receipt Corrections (703) 305-9822 of the United States Patent  
and Trademark Office on this date: December 8, 2006.

Signature

Melody MarsdenCommissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450REQUEST FOR CORRECTION OF FILING RECEIPT

Sir:

Enclosed is a copy of the Filing Receipt received in the above-identified application.

Please amend the second Applicant(s) to read Patrick Morier, Blonay, SWITZERLAND and the  
Assignment for Published Patent Application to read: Diagnoswiss S.A., Monthey, SWITZERLAND.  
Attached is the first page of the published PCT application and the Declaration and Power of Attorney  
document originally sent with the application.Applicant respectfully requests that the official filing receipt for this application be corrected to  
amend the second Applicant(s) information and the Assignment for Published Patent Application.Respectfully submitted,  
HOWSON & HOWSONLLP  
Attorneys for Applicant

By

William Bak

William Bak

Reg. No. 37,277

Suite 210

501 Office Center Drive

Ft. Washington, PA 19034

(215) 540-9216

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CONFIRMATION NO. 5557

270  
 HOWSON AND HOWSON  
 SUITE 210  
 501 OFFICE CENTER DRIVE  
 FT WASHINGTON, PA 19034

## FILING RECEIPT



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Date Mailed: 11/20/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Joel Stephane Rossier, Vionnaz, SWITZERLAND;  
 Patrick Morier, ~~Blonay~~, SWITZERLAND;  
 Frederic Raymond, La Conversion, SWITZERLAND;

*Blonay, Switzerland*

## Assignment For Published Patent Application

~~Diagno Swiss S.A.~~, Monthey, SWITZERLAND

*Diagnoswiss*

Power of Attorney: The patent practitioners associated with Customer Number 270.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/EP04/10733 09/15/2004  
 which claims benefit of 60/503,616 09/15/2003

## Foreign Applications

If Required, Foreign Filing License Granted: 11/16/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/571,986**

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DiagnoSwiss S.A.  
Rte de l'Île-au-Bois 2  
c/o Cimo S.A. - Case Postale  
CH - 1870 MONTHEY (Switzerland)

PHONE: +41 24 471 49 00  
FAX: +41 24 471 49 01  
E-MAIL: info@diagnoswiss.com

**ASSIGNMENT OF INVENTION**  
**N° 008.03**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$ 1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR: Patrick MORIER  
Ch. des Baisemonts 7  
1807 BLONAY (Switzerland)

hereby irrevocably and exclusively sells, assigns and transfers to

ASSIGNEE: DiagnoSwiss S.A.  
Rte de l'Île-au-Bois 2  
c/o Cimo S.A.  
Case Postale  
CH - 1870 MONTHEY (Switzerland)

the entire right, title and interest for the whole world in and to the invention titled:

**Microfluidic Flow Monitoring Device**

and which is found in US Patent Application Nr US 60/503616 having received the filing date of September 13<sup>th</sup> 2004,<sup>3</sup>

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ASSIGNOR has hereunto set hand this 2<sup>nd</sup> day of June, 2004  
(day) (month) (year)

Signature:

Patrick MORIER

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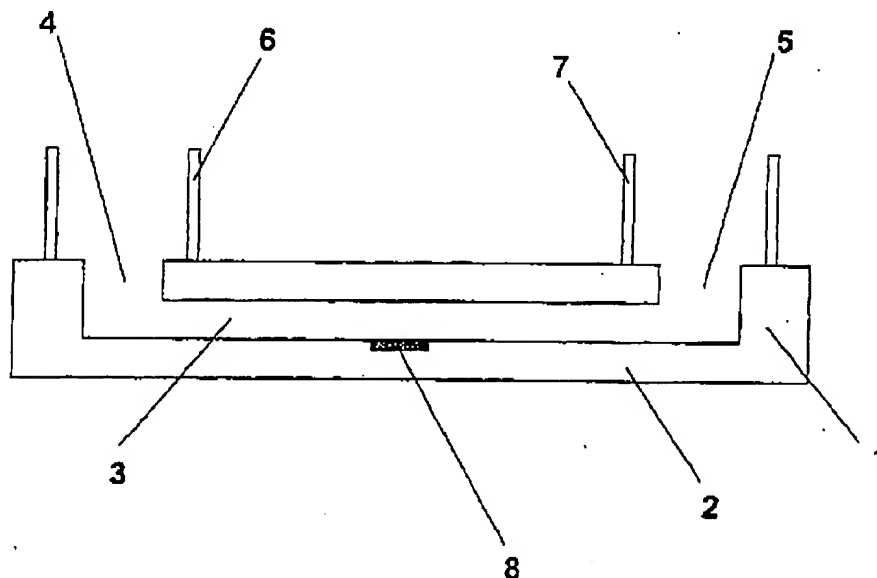
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- (71) Applicant (for all designated States except US): DIAGNOSWISS S.A. [CH/CH]; Rte de l'Île-au-Bois 2, c/o Cimo S.A., Case Postale, CH-1870 Monthey (CH).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): ROSSIER, Joël Stéphane [CH/CH]; Ch. des Ravines 13, CH-1895 Vionnaz (CH). MORIER, Patrick [CH/CH]; Ch. des Baisemens 7, CH-1807 Blonay (CH). REYMOND, Frédéric [CH/CH]; Rte de Corsy 23, CH-1093 La Conversion (CH).
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(Continued on next page)

(54) Title: MICROFLUIDIC FLOW MONITORING DEVICE



(57) Abstract: An electrochemical flow monitoring device comprises a microfluidic system comprising at least one covered microchannel (3) having an inlet (4) and an outlet (5). A pressure difference is applied between the inlet and the outlet of the microfluidic system, for example by changing the relative heights of the inlet (4) and outlet (5), such as to generate a flow of solution within the microchannel (3). The microfluidic system has at least one electrode (8) for monitoring said flow of solution by measuring an electrochemical property of said solution.

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